

ABSTRACT OF THE DISCLOSURE

A system and method for prioritizing the transmission of packets in a wireless local area network. A station selects a packet from local priority queuing and identifies the priority bits of the packet. The station declares the priority of the selected packet based on the binary value of the priority bits. If the station detects that another station has selected a packet with a higher priority, then the station ceases to contend for transmission during the current transmission cycle.

10